

Release notes for ENDF/B Development nfy-094_Pu_239
evaluation

ENDF
B-VII.dev

October 13, 2016

- checkr Warnings:

1. A previous error halted parsing of the current section
MAT=9437, MF= 1, MT=451 (1): Parsing stopped

```
ERROR(S) FOUND IN MAT=9437, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER      39 TO      42
```

- checkr Errors:

1. A variable is outside the allowed ENDF range
MAT=9437, MF= 1, MT=451 (0): Variable range

```
ERROR(S) FOUND IN MAT=9437, MF= 1, MT=451
MOD =      3 OUT OF RANGE      0 -      0      RECORD NUMBER      39
```

2. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9437, MF= 8, MT=454 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=9437, MF= 8, MT=454
SECTION 8/454 NOT IN DIRECTORY      RECORD NUMBER      44
```

3. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9437, MF= 8, MT=459 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=9437, MF= 8, MT=459
SECTION 8/459 NOT IN DIRECTORY      RECORD NUMBER      3346
```

- fudge-4.0 Warnings:

1. Indicates a test was skipped due to missing information
reactionSuite: (Error # 0): Test skipped

```
WARNING: Skipped test Wick's limit: "Channel 'n + Pu' could not be found!"
```

- fudge-4.0 Errors:

1. I didn't expect to see that MAT here!
Reading ENDF file: ../nfy-094-Pu-239.endf (Error # 0): ENDF MAT

```
WARNING: ENDF MAT = 9437 not as expected (i.e., 9400).
```